

L Number	Hits	Search Text	DB	Time stamp
1	37	(notebook or portable) adj2 computer same antenna same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 15:00
3	8	(wireless) adj2 computer same antenna same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 14:53
5	22	computer near3 antenna same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 14:53
6	4	(notebook or portable) adj2 computer same antenna near3 microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 15:37
2	788	(notebook or portable) adj2 computer same antenna	USPAT; US-PGPUB; EPO; JPO	2004/11/08 14:56
7	139	(notebook or portable) adj2 computer same antenna and microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 15:19
8	1	("6148089").PN.	USPAT	2004/11/08 15:20
9	5	(portable) same computer same antenna near3 microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 15:38
4	649	computer same antenna same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/08 17:40
-	268	macrae.in.	USPAT; US-PGPUB; EPO; JPO	2004/10/29 09:35
-	1	macrae.in. and microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:12
-	79	"M/A-COM".AS.	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:18
-	367	(381/111).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/11/04 12:55
-	398	(portable adj2 radio) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:44
-	0	(portable adj2 radio) same microphone same tortuous	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:24
-	9	(portable adj2 radio) same microphone same (wind\$3 or twist\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:27
-	30	4718110.URPN.	USPAT	2004/10/08 13:26
-	1	microphone same (tortuous adj2 path)	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:27
-	6	3652810.URPN.	USPAT	2004/10/08 13:28
-	0	((mobile or cell\$6) adj2 phone) same microphone same tortuous	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:46
-	5	((mobile or cell\$6) adj2 phone) same microphone same twist\$3	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:46
-	3	((mobile or cell\$6) adj2 phone) same microphone same inlet	USPAT; US-PGPUB; EPO; JPO	2004/10/08 14:14
-	116	microphone adj2 enclosure	USPAT; US-PGPUB; EPO; JPO	2004/11/04 13:38
-	0	((mobile or cell\$6) adj2 phone) same (upper near3 lower near3 converg\$5 near2 microphone)	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:50

-	2	((mobile or cell\$6) adj2 phone) same (upper near3 lower near3 microphone)	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:51
-	2593	((mobile or cell\$6) adj2 phone) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/08 13:54
-	76	((mobile or cell\$6) adj2 phone) same microphone same (inlet or opening)	USPAT; US-PGPUB; EPO; JPO	2004/10/10 18:10
-	492	(381/112-117).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:28
-	14	microphone adj2 enclosure same open\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:25
-	29	((mobile or cell\$6) adj2 phone) same microphone same (inlet or opening) and upper same lower	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:03
-	72	((mobile or cell\$6) adj2 phone) same microphone same upper same lower	USPAT; US-PGPUB; EPO; JPO	2004/10/10 18:12
-	8	(381/111-117).ccls. and plurality adj2 openin\$2	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:30
-	46	(381/\$).ccls. and microphone same (plurality adj2 openin\$2)	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:30
-	4	microphone same (inlet) same (plurality adj2 openi\$4)	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:35
-	1654	(455/\$).ccls. and microphone same (plurality of open\$4)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 09:37
-	867	(455/\$).ccls. and microphone same (plurality of open\$4) and phone	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:36
-	322	(455/\$).ccls. and microphone same (plurality of open\$4) same phone	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:37
-	2	(455/\$).ccls. and microphone same (plurality adj2 open\$4) same phone	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:37
-	20	(455/\$).ccls. and microphone same (plurality adj2 open\$4) and phone	USPAT; US-PGPUB; EPO; JPO	2004/11/04 13:51
-	6	(455/\$).ccls. and (microphone adj2 por\$2) same phone	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:48
-	53	(455/\$).ccls. and (microphone adj2 por\$2)	USPAT; US-PGPUB; EPO; JPO	2004/10/22 10:48
-	0	(microphone adj2 cas\$3) same tortuous	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:04
-	4	(microphone adj2 cas\$3) same (twist\$3 or bend\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:05
-	120	tortuous adj2 (open\$3 or inlet)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:06
-	1	tortuous adj2 (open\$3 or inlet) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:06
-	490	(381/355,361).ccls. and microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:12
-	52	(381/355,361).ccls. and microphone same port	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:09
-	26	(381/355,361).ccls. and microphone same inlet	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:12

-	9	(radio adj2 telephon\$2) same microphone same (inlet or por\$2)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:16
-	8	(radio adj2 telephon\$2) same microphone same (inlet or port)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:16
-	0	(radio adj2 telephon\$2) same microphone same (twist\$3 near2 path)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:17
-	0	(radio adj2 telephon\$2) same microphone same (bend\$3 near2 path)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:17
-	0	(radio adj2 telephon\$2) same microphone same (Twist\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:17
-	2	(radio adj2 telephon\$2) same microphone same (bend\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/28 17:18
-	16	(portable adj2 radio) same microphone same (inlet or por\$2)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:48
-	62	(381/111,122).ccls. and (inlet or port)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 09:26
-	1	("20030036367").PN.	USPAT; US-PGPUB	2004/10/29 09:26
-	2	macrae.in. and microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 09:36
-	544	(455/\$).ccls. and microphone same (inlet or port)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 09:37
-	141	(455/\$).ccls. and microphone same (inlet or port) same antenna	USPAT; US-PGPUB; EPO; JPO	2004/10/29 10:36
-	54	("3912875" "4122304" "4658096" "4659878" "4718080" "4737975" "4748655" "4768218" "4768220" "4775997" "4790000" "4802235" "4811420" "4826421" "4850033" "4881271" "4922517" "4939766" "4959851" "4972455" "4989230" "5008925" "5020091" "5020092" "5020093" "5046082" "5046085" "5093925" "5117450" "5127042" "5131029" "5146486" "5148548" "5153904" "5157719" "5159625" "5175872" "5179721" "5203012" "5208847" "5247565" "5274693" "5276729" "5305372" "5402481" "5422945" "5509056" "5535260" "5550907" "5563931" "5594782" "5722087" "5963875" "6021335").PN.	USPAT	2004/10/29 09:46
-	20	5933330.URPN.	USPAT	2004/10/29 10:25
-	1	("6611697").PN.	USPAT	2004/10/29 10:33
-	20	(portable adj3 radio) same microphone same (inlet or port)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:25
-	1	(portable adj3 radio) same (microphone adj2 gasket)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 10:46
-	1	(portable adj3 radio) same (microphone adj2 seal)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 10:47
-	1	(portable adj3 radio) same (microphone near2 seal)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:10
-	4	(portable adj3 radio) and (microphone near2 seal)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 10:48

-	0	5933765.URPN.	USPAT	2004/10/29 10:48
-	5	("4959510" "4970780" "5011256"	USPAT	2004/10/29 10:48
-	455	"5019944" "5565261").PN. (portable adj3 radio) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 14:39
-	1	(portable adj3 radio) same (microphone near3 protect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 14:19
-	16	(portable adj3 radio) and (microphone near3 protect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:10
-	13	(radiotelephone) and (microphone near5 protect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 10:57
-	25	(cellu\$3 adj2 phone) and (microphone near5 protect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:00
-	6	5828012.URPN.	USPAT	2004/10/29 11:02
-	13	(mobile adj2 phone) and (microphone near5 protect\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:03
-	135	(microphone near3 protect\$3) and (portable or mobile or cellul\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:46
-	2	(microphone near3 protect\$3) and (portable or mobile or cellul\$3) and (upper adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:46
-	1	(microphone near3 protect\$3) same (upper adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:47
-	2	(microphone near3 protect\$3) and (upper adj3 cas\$3) and (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:48
-	18	(radiotelephone) and (upper adj3 cas\$3) and (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:49
-	153	(mobile adj2 phone) and (upper adj3 cas\$3) and (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:48
-	136	(mobile adj2 phone) and (upper adj3 cas\$3) same (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:51
-	16	(radiotelephone) and (upper adj3 cas\$3) same (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:49
-	7	(mobile adj2 phone) and (upper adj3 cas\$3) same (lower adj3 cas\$3) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:56
-	14	(cellular adj2 phone) and (upper adj3 cas\$3) same (lower adj3 cas\$3) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:55
-	0	(upper adj3 cas\$3) same (lower adj3 cas\$3) same (converge or meet) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:55
-	27	(upper adj3 cas\$3) same (lower adj3 cas\$3) near3 microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:01
-	0	(mobile adj2 phone) and (microphone near2 middle near2 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:57
-	1	(radiotelephone) and (microphone same mid\$3 same cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:57
-	14	(cellular adj2 phone) and (microphone same mid\$3 same cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:58
-	9	(mobile adj2 phone) and (microphone same mid\$3 same cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 11:59

-	2	(portable or mobile or cellu\$3) and (microphone near2 mid\$3 near3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:01
-	0	microphone near2 middle near3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:00
-	2	microphone near3 middle near3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:00
-	17	(portable or mobile or cellu\$3) and (microphone near2 middle)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:02
-	2	(portable or mobile or cellu\$3) and (microphone near2 midway)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:02
-	86	(portable or mobile or cellu\$3) and (microphone near2 center)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:12
-	0	microphone near3 mount\$3 near4 middle near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:13
-	0	microphone near3 dispos\$3 near4 middle near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:36
-	0	microphone near3 dispos\$3 near4 center near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:14
-	0	microphone near3 mount\$3 near4 center near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:14
-	0	microphone near3 plac\$3 near4 center near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:14
-	12	microphone near3 above near3 (keypad or keyboard or keys)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:17
-	10	microphone near3 top near3 (keypad or keyboard or keys)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 12:18
-	34	microphone near3 upper near3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:07
-	0	microphone near2 between near3 upper near3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:03
-	102	(379/433.03).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:09
-	83	(379/433.03).ccls. and microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:09
-	6	6108416.URPN.	USPAT	2004/10/29 13:16
-	5	5692046.URPN.	USPAT	2004/10/29 13:33
-	13	("3476886" "4018998" "4446333" "4684017" "4840288" "5189632" "5221838" "5325984" "5335273" "5348347" "5436969" "5465401" "5535439").PN.	USPAT	2004/10/29 13:34
-	0	microphone near3 dispos\$3 near4 top near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:36
-	6	microphone near3 top near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:37
-	1	microphone near3 middle near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:45
-	0	microphone near3 middle near5 telephone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:38

-	0	microphone near3 middle near5 handset	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:39
-	0	microphone near3 middle near5 radio	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:41
-	2	microphone near3 middle near5 cover	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:42
-	1	microphone near4 middle near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:49
-	0	microphone near4 middle near5 enclosure	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:44
-	1	microphone near3 center near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:45
-	3	microphone near3 center near5 radio	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:45
-	1	microphone near4 intermediate near5 phone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:49
-	3	microphone near4 intermediate near5 radio	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:49
-	175	(cellular adj2 phone) and (upper adj3 cas\$3) same (lower adj3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 13:54
-	455	(portable adj3 radio) same (microphone)	USPAT; US-PGPUB; EPO; JPO	2004/10/29 14:19
-	0	twist\$3 adj2 microphone adj2 inlet	USPAT; US-PGPUB; EPO; JPO	2004/10/29 14:39
-	0	tortuous adj2 microphone adj2 port	USPAT; US-PGPUB; EPO; JPO	2004/10/29 14:40
-	0	twist\$3 adj2 microphone adj2 port	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:11
-	2	((("6201876") or ("5491478"))).PN.	USPAT	2004/10/29 15:12
-	44	(381/355,361).ccls. and seal\$3 and (por\$2 or inlet or (sound adj2 openin\$2))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:00
-	15	("4500595" "4533795" "4912604" "4945633" "4983148" "5006667" "5271056" "5284888" "5365410" "5400949" "5442521" "5603103" "5640457" "5687470" "5708720").PN.	USPAT	2004/10/29 15:14
-	3	5491478.URPN.	USPAT	2004/10/29 15:17
-	182	(portable adj3 radio) same microphone same antenna	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:25
-	34	(381/355,361).ccls. and seal\$3 near3 microphone	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:34
-	663	(381/355,361).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/10/29 15:44
-	2	("4920564" "5265274").PN.	USPAT	2004/10/29 16:22
-	1	("5422656").PN.	USPAT	2004/10/29 18:15
-	1	("5422656").PN.	USPAT	2004/11/04 12:53
-	0	("radiosamemicrophonesamecas\$3").PN.	USPAT; US-PGPUB; EPO; JPO	2004/11/04 12:55

-	1124	radio same microphone same cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 12:55
-	83	portable near2 radio same microphone same cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 12:55
-	1	(microphone adj2 enclosure) same antenna	USPAT; US-PGPUB; EPO; JPO	2004/11/04 13:39
-	819	(455/575.1).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/11/04 13:51
-	112	(455/575.1).ccls. and microphone same cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:15
-	11	("4059728" "5138329" "5168982" "5610971" "5692032" "5794142" "5841849" "5852783" "5937360" "5966671" "5987336").PN.	USPAT	2004/11/04 14:13
-	4	6349220.URPN.	USPAT	2004/11/04 14:14
-	39	(455/\$).ccls. and microphone near3 (middle or midway or center)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:16
-	384	"nokia".AS. and radiotelephon\$2	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:41
-	18	6188765.URPN.	USPAT	2004/11/04 14:28
-	2	("5933330" "5987122").PN.	USPAT	2004/11/04 14:29
-	0	"nokia".AS. and microphone near3 (middle or midway or center)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:42
-	0	"nokia".AS. and microphone near3 (middle)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:42
-	14	"nokia".AS. and microphone near3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 14:45
-	1	("6201876").PN.	USPAT	2004/11/04 14:45
-	966	microphone adj3 cas\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:25
-	75	(microphone adj3 cas\$3) same portable	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:36
-	2233	(microphone near3 cas\$3)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:36
-	2320	microphone near3 (case or casing or enclosure)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:37
-	154	microphone near3 (case or casing or enclosure) same portable	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:42
-	5768	(mobile or cellular) adj2 phone same (case or casing or enclosure)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:42
-	350	(mobile or cellular) adj2 phone same (case or casing or enclosure) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/04 16:43
-	2	6201876.URPN.	USPAT	2004/11/04 16:59
-	15	("4500595" "4533795" "4912604" "4945633" "4983148" "5006667" "5271056" "5284888" "5365410" "5400949" "5442521" "5603103" "5640457" "5687470" "5708720").PN.	USPAT	2004/11/04 16:59

-	139	(upper adj3 cas\$3) same (lower adj3 cas\$3) same microphone	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:01
-	183	(portable adj3 radio) same (microphone) same antenna	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:22
-	3528	(radio) same (microphone) same antenna	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:15
-	996	(radio) same (microphone) same antenna same circuit	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:16
-	300	(portable adj3 radio) same (microphone) and antenna	USPAT; US-PGPUB; EPO; JPO	2004/11/04 17:23